IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
- Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
- Answer sheet(s) of Part ‘A’ and Part ‘B’ are not to be tagged together.
- Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

PART A

1. a) Classify various pharmacological agents for pain relief. 4+6
   b) Enumerate the major side effects of each.

2. a) What is oxygen flux? 2+(4+2+2)
   b) Draw oxygen haemoglobin dissociation curve and enumerate the factors producing leftward and rightward shift of the curve.

3. Management of a patient with pulseless ventricular tachycardia/ventricular fibrillation in the hospital. 10

4. a) Management of hyponatreima (serum sodium level of 109 mEq/L in a patient). 5+5
   b) Closed suction catheter system for tracheal suctioning.

5. Management of a patient with electric shock. 10